

00169.002292



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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
:)
PETER W. MITCHELL ILBERY)
:)
Application No.: 10/029,267)
:)
Filed: December 28, 2001)
:)
For: ERROR DIFFUSION USING NEXT)
SCANLINE ERROR IMPULSE)
RESPONSE) March 22, 2002

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicant respectfully directs the Examiner's attention to the documents listed below and on the enclosed Form PTO-1449. Copies of the listed documents are enclosed.

U.S. Patent 4,955,065
U.S. Patent 5,353,127
U.S. Patent 5,535,019
U.S. Patent 6,130,661

G. Marcu, "Error diffusion algorithm with output position constraints for homogeneous highlight and shadow dot distribution", Journal of Electronic Imaging, January 2000, Vol. 9(1) pp. 46-51.

K.T. Knox, "Evolution of error diffusion", Journal of Electronic Imaging, October 1999, Vol. 8(4), pp. 422-429.

J. Shiau, et al., "A set of easily implementable coefficients in error diffusion with reduced worn artifacts", SPIE, Vol. 2658, pp. 222-225.

R. Ulichney, "Digital Halftoning", MIT Press, 1987, pp 340-342.

R.W. Floyd, et al., "An Adaptive Algorithm for Spatial Greyscale", Proceedings of the Society For Information Display, Vol. 17, No. 2, pp 75-77 (1976).

G. Marcu, "An error diffusion algorithm with output constraints for homogeneous highlight and shadow dot distribution", Proceedings of The International Society for Optical Engineering, Vol. 3300, pp 341-352 (1998).

The foregoing documents were discussed in the specification and might be deemed pertinent for the reasons given there.

Inasmuch as this application has not yet received a first Office Action, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R. § 1.97(b)(3). Accordingly, the Examiner is urged to study this information in its entirety and to form an independent determination of the materiality of the information to the claimed invention. Additionally, the Examiner is requested to indicate that this information has been considered by initialing the appropriate portion of the Form PTO-1449.

Applicant's undersigned attorney may be reached in our Costa Mesa,
California office at (714) 540-8700. All correspondence should continue to be directed to
our below-listed address.

Respectfully submitted,



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| FORM PTO 1449 (modified) | | | ATTY DOCKET NO. 00169.002292 | | APPLICATION NO. 10/029,267 | | |
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | APPLICANT PETER W. MITCHELL ILBERY | | | | |
| LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) | | | FILING DATE December 28, 2001 | | | GROUP N/Y/A | |

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MAR 25 2002
PATENT & TRADEMARK OFFICE

| U.S. PATENT DOCUMENTS | | | | | | | |
|--|--|--|-----------------|---------------------|------------|------------|---------------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 4,955,065 | 09/04/90 | Ulichney | 382 | 50 | |
| | | 5,353,127 | 10/04/94 | Shiau et al. | 358 | 458 | |
| | | 5,535,019 | 07/09/96 | Eschbach | 358 | 456 | |
| | | 6,130,661 | 10/10/00 | Ilbery | 345 | 147 | |
| | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
| | | | | | | | |
| | | | | | | | |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | G. Marcu, "Error diffusion algorithm with output position constraints for homogeneous highlight and shadow dot distribution", Journal of Electric Imaging, January 2000, Vol. 9(1), pp. 46-51. | | | | | |
| | | K.T. Knox, "Evolution of error diffusion", Journal of Electronic Imaging, October 1999, Vol. 8(4), pp. 422-429. | | | | | |
| | | J.Shiau, et al., "A set of easily implementable coefficients in error diffusion with reduced worn artifacts", SPIE, Vol. 2658, pp. 222-225. | | | | | |
| | | R. Ulichney, "Digital Halftoning", MIT Press, 1987, pp 340-342. | | | | | |
| | | R.W. Floyd, et al., "An Adaptive Algorithm for Spatial Greyscale", Proceedings of the Society For Information Display, Vol. 17, No. 2, pp 75-77 (1976). | | | | | |
| | | G. Marcu, "An error diffusion algorithm with output constraints for homogeneous highlight and shadow dot distribution", Proceedings of The International Society for Optical Engineering, Vol. 3300, pp 341-352 (1998). | | | | | |
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| EXAMINER | | | | DATE CONSIDERED | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.